

## Environmental Permit

Environment Protection Act (CAP. 549)

Permit number  
**EP 0003/13/C**

The Environment and Resources Authority (hereinafter the Authority; the Competent Authority or ERA) in exercise of its powers under the Environment Protection Act (CAP. 549) hereby authorises:

**Ms. Rita Bonello**

**obo Ivy Ltd.**

Company registration number: **C 43054**

(hereinafter “the Operator” or “the Permit Holder”),  
Of / Whose Registered Office (or principal place of business) is at:

**Ivy Ltd.**  
**No. 8, Harmony**  
**Triq il-Qiegħa**  
**Attard, ATD 1911**

to carry out waste management activities related to the temporary storage and packaging of solder dross waste prior to export at:

**Garage No.3**  
**Triq Mastru Gorg Cachia**  
**Handaq, Qormi**

to the extent authorised by and subject to the conditions of this Permit.

This permit is valid for **two (2) years** from the date below. An application for renewal of this permit is to be submitted at least six weeks prior to expiry of this permit.

Signed

Date

Prof Victor Axiak Chairman	Permit Issued: 23 / 10 / 2018
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**Authorised to sign on behalf of the Competent Authority**

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## Conditions

### 1 General

The Permitted Installation shall, subject to the conditions of this Permit, be managed, controlled and operated as described in the Application, or as otherwise previously agreed in writing by the Authority.

#### Status Log

Detail	Date
<i>Application EP</i>	15 February 2013
<i>Permit Issued</i>	06 May 2013
<i>Renewal Issued</i>	13 May 2014
<i>Renewal Determined by ERA Board</i>	24 August 2018

### 1.1 Permitted Activities

1.1.1 The Operator is authorised to carry out the activities and the associated activities specified in Table 1.1.1.

**Table 1.1.1**

Activity	Description of specified activity	Limits of specified activity
Storage of non-hazardous solder dross waste in bulk boxes	Storage and packaging of non-hazardous solder dross waste in designated areas	From receipt of waste to dispatch of labelled and packaged waste to authorised facilities either locally or abroad.

### 1.2 Site

1.2.1 The activities authorised under condition 1.1.1 shall not extend beyond the Site, as shown on the Site Map in Schedule 2 to this Permit.

### 1.3 General Conditions

1.3.1 The conditions and obligations of this permit are without prejudice to any other regulation, code of practice, conditions or requirements requested by other Authorities or entities, including but not limited to, the Planning Authority, Occupational Health and Safety Authority, Transport Malta and the Regulator for Energy and Water Services (REWS).

1.3.2 This permit is granted saving third party rights. The Permit Holder is not excused from obtaining any other permission required by law.

1.3.3 In these conditions and their interpretation, all terms shall have the same meaning as that assigned to them in S.L. 549.63 - the Waste Regulations.

1.3.4 The Permit Holder is to be legally responsible and accountable for managing the site in all its various aspects, thus ensuring that the waste management activity for which he has been granted a permit is carried out in accordance with the provisions as per

S.L. 549.63 as amended, and other related legislation, as well as all the conditions of this permit.

- 1.3.5 The site must be well secured at all times.
- 1.3.6 The company shall maintain a register of third party complaints. The register shall record the name and address of the complainant(s), the date, location, source and nature of the complaint and the corrective action undertaken, where such action proves necessary.
- 1.3.7 All plant, equipment and technical means used in operating the Permitted Installation shall be maintained in good operating condition and without causing significant polluting emissions, potentially polluting leaks and spillages. The operator shall keep maintenance records as per Section 4.3.
- 1.3.8 The Permitted Installation shall be managed, controlled, supervised and operated by staff who are aware of the importance of environmental protection and suitably trained on the requirements of this Permit, in particular on those permit conditions relevant to their duties. All staff shall be provided with adequate training and written operating instructions to enable them to effectively carry out their duties. Such training shall be recorded and maintained in line with condition 4.3.3.
- 1.3.9 Upon the joint application of an operator and a proposed transferee, the Authority may transfer the environmental permit to the proposed transferee. The transfer of the permit will not relieve any of the operators from his environmental obligations and liabilities.
- 1.3.10 The Authority may carry out regular compliance checks that vary in frequency according to the site's compliance with the permit conditions. Any such checks carried out by the Authority are to be made at the Permit Holder's financial expense.
- 1.3.11 The Authority's representatives are empowered to inspect every part of the site and ask for any closed or locked areas to be opened. They are also entitled to be given any proof, documentation, plans, receipts or any other records which these Authority representatives may request.
- 1.3.12 The Authority may add, amend, substitute or revoke any of the conditions of this permit after notifying the Permit Holder of its intention and after describing the changes to the Permit Holder. This without prejudice to any prevailing circumstances that would preclude the Authority from following such a procedure.
- 1.3.13 The validity of this permit is until **23 October 2020**. The Permit Holder is able to renew the permit upon application with the Authority expressing his/her intention at least six (6) weeks prior to the expiry of the permit. An application for the renewal of the Permit will only be accepted by the Authority subject to Condition 4.5.1 being fulfilled. The permit will be considered renewed once the official renewed permit is issued by the Authority.
- 1.3.14 This permit is issued against a bank guarantee of **€ 6,100 (Financial Guarantee Number 8820181211)** which shall be renewed annually. This guarantee will have to be maintained throughout the validity of the permit. Following renewal and/or variations to this permit, the Authority may require amendments to the Bank Guarantee.
- 1.3.15 The Bank Guarantee shall remain in place for the duration of validity of this permit and shall only be released upon confirmation of full compliance with the permit conditions by the Authority.
- 1.3.16 The Authority may take part or all of the bank guarantee if the Permit Holder fails to take the necessary action, in cases of non-compliance with these permit conditions, the Act or any subsidiary legislation thereof, or in cases where environmental integrity is threatened. This bank guarantee is without prejudice to any environmental liabilities

that may ensue through failure to adhere with permit conditions or any other works/activity carried out on site. Should the Authority forfeit the Bank Guarantee either in part or in full, the operator shall ensure that this is replenished without undue delay.

- 1.3.17 In cases where the bank guarantee does not cover the expenses incurred by the Authority to undertake any remedial action failed to be undertaken by the Permit Holder, the Permit Holder is to financially reimburse the Authority of all the expenses incurred.
- 1.3.18 A copy of this permit shall be available at all times on site at the permitted facility, including any Variation Notices or amendments to it.
- 1.3.19 The Authority may suspend or revoke this environmental permit or part of this environmental permit where significant mismanagement of the site is observed or any of the permit conditions are not respected after a written warning is given by the Authority or in any eventuality that gives the Authority enough reason to suspend or revoke this permit.
- 1.3.20 The Authority may request additional monitoring and/or review of operational practices and commission audits on the installation as deemed necessary to address any circumstances that may affect the quality of the surrounding environment. Any required monitoring and/or audits shall be carried out at the expense of the Permit Holder.
- 1.3.21 Without prejudice to condition 1.3.20, the Authority may take any action deemed necessary including but not limited to the suspension of any activity/operation until investigations are concluded.

#### 1.4 Operational Changes

- 1.4.1 The operator may apply for a variation in permit and shall seek the Authority's written agreement prior to any operational changes, by sending to the Authority
  - a) Written notice of the details of the proposed change, including an assessment of its possible effects (including changes in emissions and waste production) on risks to the environment from the Permitted installation;
  - b) Any relevant supporting information (e.g. chemical/fuel consumption, technical details, changes in the type/use of substances/mixtures, etc.);
  - c) Any relevant supporting assessments and drawings, and;
  - d) The proposed implementation date.
- 1.4.2 Any such change shall only be implemented following the issue of a variation of the permit by the Authority.

#### 1.5 Improvement Programme

- 1.5.1 The Operator shall complete the improvements specified in Table 1.5.1 by the date specified in that table.

Table 1.5.1: Improvement programme		
Reference	Requirement	Deadline
1.	Submission of an Environment Management Systems as per Schedule 4	Within 3 months of issue of the permit

## **2. Site Infrastructure and Operations**

### **2.1 Site Infrastructure**

- 2.1.1 During non-operating hours the site shall be firmly closed and totally inaccessible to third parties, both by vehicle and on foot.
- 2.1.2 The designated quarantine area is to be maintained within the site boundary to temporarily hold unpermitted waste that may enter the site (refer to Section 3). A non leaking skip or similar contained structure can be utilised for the temporary storage of unpermitted waste.
- 2.1.3 The site shall be clearly identified by a site identification board, which shall be replaced as soon as it is damaged or the information is no longer readable from a distance. The site identification board shall be located at the site entrance and shall contain the following information:
- a. The company name and address
  - b. Permit Holder's Name
  - c. List of authorised activities on site
  - d. 24-hour emergency mobile number
  - e. Permit Number (making it clear this site is permitted by the Authority)
  - f. Opening hours of the site
- 2.1.4 No waste shall be deposited, stored, treated or otherwise handled in any area of the site that is not impermeable. No liquids (wastes or otherwise) are allowed to be kept on site.

### **2.2 Permitted Operations on Site**

- 2.2.1 Only waste streams as set out in the European Waste Catalogue codes in Schedule 1 can be accepted and processed on site.
- 2.2.2 The total quantities of waste accepted at the site per year shall not exceed the permitted site boundaries. The total amount of waste that can be stored at any given time cannot exceed the capacity of the permitted facility as set out during the environmental permit application process.
- 2.2.3 All wastes leaving the site after storage and/or processing must only be sent to facilities licensed to accept the individual waste stream, either locally or abroad.
- 2.2.4 No storage of waste, equipment or materials is permitted on property outside the site premises.

## **3. Operating Conditions**

### **3.1 Emissions**

#### **3.1.1 Emissions to Air**

- 3.1.1.1 No emissions to air shall take place from the Permitted Installation.

#### **3.1.2 Effluent Discharges**

- 3.1.2.1 No discharges to surface water or groundwater shall take place from the Permitted Installation.
- 3.1.2.2 No discharges to the foul sewer (other than from domestic sewage or equivalent) shall take place from the Permitted Installation.

- 3.1.2.3 The Operator shall undertake all necessary measures and precautions to prevent spillage of raw materials, intermediates, products, waste and any other materials.
- 3.1.2.4 All process and storage areas must be appropriately contained.
- 3.1.2.5 Rainwater shall not be discharged into the sewer. Foul sewer drains must be strictly segregated from storm water drains.

### **3.1.3 Emissions to Land**

- 3.1.3.1 No emission from the Permitted Installation shall be made to land.
- 3.1.3.2 In the event of contamination of land, the operator shall notify the Authority within 24 hours, forward a decontamination plan for the Authority's approval and execute it within an agreed time frame.

### **3.1.4 General Waste Acceptance, Storage and Handling**

- 3.1.4.1 The Permit Holder shall apply the precautionary principle to safeguard the environment whilst carrying out the permitted activities and shall immediately refuse the entry of waste that is suspected to be in breach of the conditions of this permit.
- 3.1.4.2 The Permit Holder shall ensure that all waste management operations authorised in accordance with this Permit are carried out in an orderly manner and in such a way as to cause the least possible disturbance to the surroundings and the least possible adverse impact to third parties.
- 3.1.4.3 All wastes shall be stored within a designated and controlled storage area(s) prior to ultimate disposal. Any unpermitted wastes that may inadvertently enter the site must be stored in a designated defined quarantine area (Condition 2.1.2) and not be mixed with other wastes on site.
- 3.1.4.4 No storage, treatment or recovery of hazardous waste is allowed on site.
- 3.1.4.5 Any hazardous wastes which may inadvertently enter the sites shall be stored in a labelled, closed container(s) within a designated and controlled storage area(s) prior to ultimate disposal. Wastes of different natures shall not be mixed in the same container.
- 3.1.4.6 No liquid wastes shall be accepted on site.
- 3.1.4.7 No storage of waste destined for disposal is permitted for a period exceeding 12 months. No storage of waste destined for recovery is permitted for a period exceeding 3 years.
- 3.1.4.8 The operator is to prevent litter or other wastes escaping from the site boundaries, particularly during loading/unloading. Any such escape of waste shall be collected immediately upon detection.
- 3.1.4.9 Only registered waste carriers as per activity 38 of schedule 1 in S.L 549.45 - the Waste Management (Activity Registration) Regulations are allowed to transport waste to and from this site.
- 3.1.4.10 The Permit Holder shall maintain records of the weight of each waste consignment received and /or removed from the site, and such data is to be collected using a properly calibrated scale. Operator is to submit details of the scale used, together with its location and calibration details. Records of waste weighed prior to loading

onto the vehicle from the point of collection may be accepted in lieu of on site weighing.

- 3.1.4.11 The Permit Holder shall ensure to issue a receipt / certificate for every consignment of wastes accepted and removed on Site indicating the date and time of the consignment and the weight of the waste received. Each receipt / certificate shall indicate the site name and permit number, as well as bearing a unique sequential number. Where applicable, this also applies to any Recycling Certificates issued by the operator.
- 3.1.4.12 Transboundary movement of waste shall be carried out in accordance with the following regulations, as amended from time to time:
- a) Regulation (EC) N° 1013/2006 of the European Parliament and of the Council of 14 June 2006 on shipments of waste
  - b) (Commission Regulation (EC) N° 1418/2007 of 29 November 2007 concerning the export for recovery of certain waste listed in Annex III or IIIA to Regulation (EC) N° 1013/2006 of the European Parliament and of the Council to certain countries to which the OECD Decision on the control of transboundary movements of waste does not apply; and
  - c) Any other applicable legislation.
- 3.1.4.13 Disposal certificates and any documentation related to transfer of waste to and from the site and/or related to its end disposal shall be kept on record and made available for inspection for a period of at least 4 years from date of their issue.
- 3.1.4.14 All hazardous waste transferred off the site from the quarantine area shall be accompanied by a valid hazardous waste Consignment Permit issued by ERA. Each consignment under the consignment permit shall be accompanied by a Consignment Note.
- 3.1.4.15 All wastes leaving the site after storage and/or processing must only be sent to authorised facilities licenced to accept the individual waste stream, either locally or abroad.
- 3.1.4.16 In the case of waste that is sent for treatment or recovery to another facility locally or abroad, the audit trail shall cover all waste from the point of generation or collection to the end recovery or disposal facility.

## **4. Site Management**

### **4.1 Staff obligations and Responsibilities**

- 4.1.1 All employees authorised by the Permit Holder to undertake waste management activities, on his/her behalf, shall be fully conversant with the obligations of this permit and shall be individually aware of their responsibilities and liabilities in observing the conditions of this permit.
- 4.1.2 One member of the staff shall be nominated as the Technically Competent Person (TCP) of the site, whereby this person is to physically represent the Permit Holder during the times when the Permit Holder will not be available.
- 4.1.3 The TCP is responsible for the implementation of all the obligations stipulated in this permit, must supervise the rest of the staff on site and is completely responsible to ascertain that all permit conditions are being adhered to and that unauthorised waste does not enter the site.

- 4.1.4 In the event of any short or long periods of sick leave or vacation leave taken by the TCP, for a period exceeding 10 days, the Permit Holder is obliged to find a replacement for that member of staff without undue delay.
- 4.1.5 All the staff on site shall be fully aware of the procedures to be taken to contain any environmental hazard which may arise related to the activities being carried out on site.

## **4.2 Accident Prevention and Control**

- 4.2.1 An Emergency Response Plan shall be maintained containing details of the location, nature and quantity of chemicals, oils and fuels stored, any special hazards, a drawing showing location of drains and the emergency phone numbers of the operator and relevant authorities. It shall also include actions to be taken in the case of incidents which could affect the environment, such as fires and chemical/fuel spills. The emergency plan shall indicate that accidental releases of chemicals and fires caused by chemicals are to be managed as specified in the respective MSDS sheets.
- 4.2.2 In the case of an accident (e.g. chemical spills, etc.), the Operator shall follow the Emergency Response Plan referred to in Condition 4.2.1 and, in the case that such accident could be regarded as causing environmental damage or as posing a threat of environmental damage, the Operator shall notify the Authority within 24 hours.

## **4.3 Site Records & Archive**

- 4.3.1 A site daily operations log shall be kept on site in which the following information shall be recorded on a daily basis:
  - i. Total amount of waste in kilos accepted on site
  - ii. Total amount of waste in kilos removed from site for disposal or further treatment
  - iii. Total amount of waste in kilos refused entry on site
  - iv. Total amount in kilos of unaccepted material sent to the quarantine area and by which registered waste carrier it was transported
  - v. Any incidents that took place on site such as mechanical faults in the machinery or equipment used on site, any spills, fires, etc and the remedial action taken
  - vi. Any other incidents that the Permit Holder deems important to record in the site daily operations log.

Each record shall be compiled within 24 hours of the relevant event. The records kept in the site daily operations log shall be made available for inspection at any time when the Authority representatives request to inspect them.

- 4.3.2 The Operator shall ensure that all records required to be made by this Permit and any other records made by it in relation to the operation of the Permitted Installation shall:
  - i. be made available for inspection by the Authority upon request;
  - ii. be supplied to the Authority on demand and without charge and in the format requested;
  - iii. be legible;
  - iv. indicate any amendments which have been made and shall include the original record wherever possible; and
  - v. be retained at the Permitted Installation, or other location agreed by the Authority in writing, for a minimum period of 3 years from the date when the records were made, unless otherwise agreed in writing.
- 4.3.3 The Operator shall maintain a record of the skills and training requirements of all staff whose tasks in relation to the Permitted Installation may have an impact on the environment and shall keep records of all relevant training.

- 4.3.4 Following completion and approval of the Environment Management System (EMS), the operator shall endeavour to implement and maintain the EMS and allocate resources that are sufficient to achieve compliance with the limits and conditions of this Permit.

#### **4.4 Closure and Decommissioning**

- 4.4.1 In the event of cessation of operations on the site, all wastes, equipment and hazardous materials (including fuels and chemicals) must be removed from the site such that any pollution risk is avoided and the site is returned to a satisfactory state. The Operator shall notify the Authority immediately upon a decision being taken to cease business activity. In the case of full decommissioning, applicant shall submit a decommissioning plan in accordance with the terms of reference provided by the Authority for approval by the relevant Authorities. The obligations arising from the permit shall subsist until the Authority confirms in writing that the implementation of the decommissioning plan has been implemented to its satisfaction.
- 4.4.2 A finalised version of the Decommissioning Plan shall be submitted to the Authority for approval not later than 10 days after the Authority is notified of the intention to decommission the site.
- 4.4.3 When deemed necessary the Authority may require the permit holder to take such additional measures as it considers necessary with respect to after care obligations in relation, but not limited to the remedial action, rehabilitation, and monitoring of the waste management or waste production site.

#### **4.5 Reporting**

- 4.5.1 The Operator shall submit to the Authority an Annual Environmental Report (AER) of the previous year by not later than end of March of each year, providing the information listed in Schedule 3 of this Permit and in the format specified therein.
- 4.5.2 In the event where operations cease temporarily, the TCP or Permit Holder are obliged to notify the Authority within two (2) days and are also to inform the Authority with regards to when the works are intended to resume.
- 4.5.3 All reports and written and/or verbal notifications required by this Permit shall be made and sent to the Authority using the contact details notified in writing to the Operator by the Authority.
- 4.5.4 The Authority shall be informed within 24 hours in the event of an environmental hazard or major accidents.

## Schedule 1

### Complete List of Permitted Waste on Site

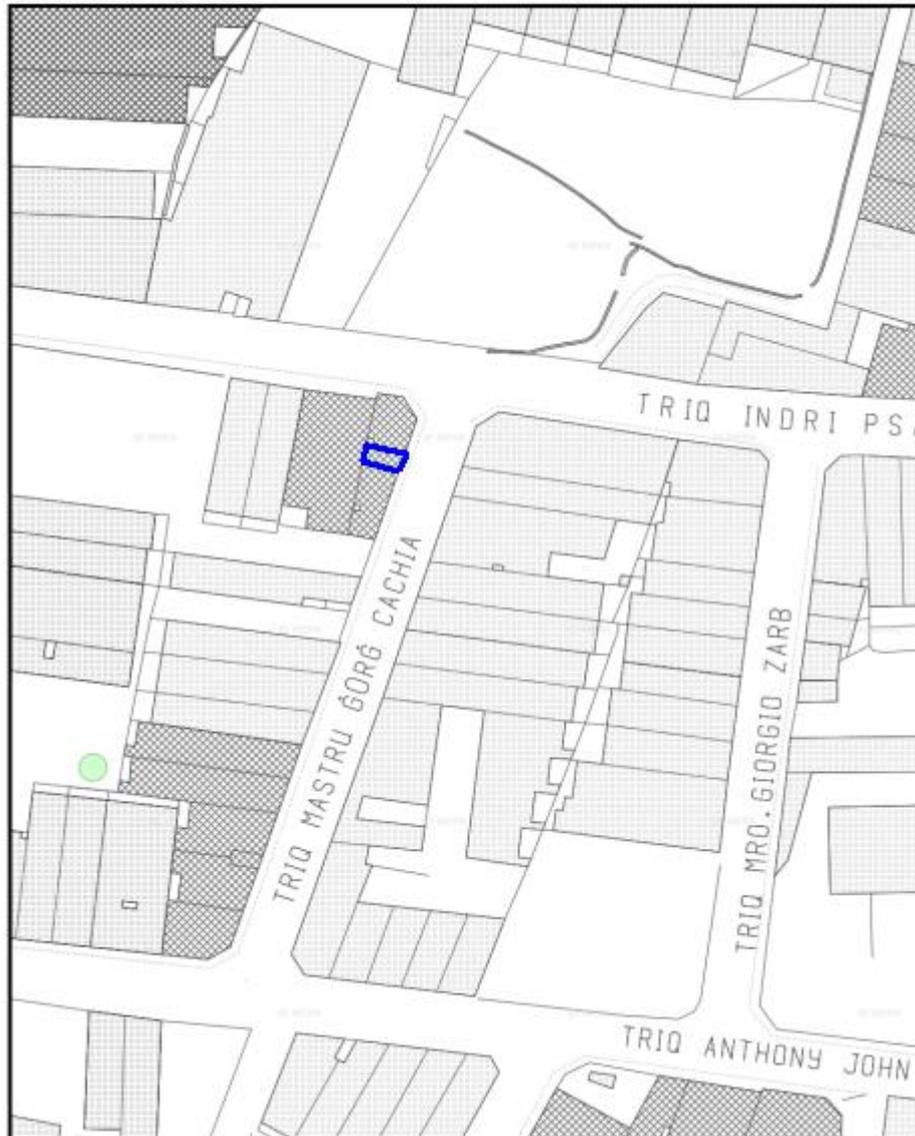
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European Waste Codes	Description of Waste
10 08 11	Dross and skimmings other than those mentioned in 10 08 10*

## Schedule 2

### Site Map

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**Fig. 2.1: Site of permitted installation, showing extent of area in blue for the carrying out of the activities specified in condition 1.1.1. The extent of the site boundary is indicative and shall not be used for interpretation purposes.**

### Schedule 3

## Annual Environmental Report (AER)

**Important note**

By this submission, you confirm that you give your explicit consent for the entire contents of this Annual Environment Report to be made available on the Authority's public website.

#### S4.1 Introduction

Environmental Permit Number	
Reporting Year (Calendar Year: 1 January to 31 December)	
Name and locality of Site	
Brief description of activities at the site	

#### S4.2 Waste Records

As per condition 4.5.1, the Operator shall submit to the Authority information on waste records of the previous year by not later than end of March of each year, providing the information listed in the ERA website and in the format specified therein (<http://era.org.mt/en/Pages/Waste-Management-Reporting-Templates.aspx>).

#### S4.3 Submission of Certifications

Condition Number	Documentation
1.5.1	Submission of improvement programme item
4.5.1	Submission of waste records every year

**Applicant's declaration**

*I declare that, to the best of my knowledge, all the above information is correct and substantiated.*

.....	.....	.....
<b>Name</b> <i>(in block letters)</i>	<b>ID Card Number</b>	<b>on behalf of / in my own name</b> <i>(in block letters)</i>
.....	.....	.....
<b>Signature</b>		<b>Date</b>

## **Schedule 4**

### **Minimum requirements for an Environment Management System (EMS)**

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Within three months of issue of the permit, the Operator shall submit an EMS which should include, as a minimum, the following elements:

#### 1. Management and Reporting Structure

This should in particular include the name of the person who will be responsible for managing environmental aspects of the installation. Relevant qualifications and experience should be listed, together with contact details (including a mobile number for emergency purposes).

#### 2. Environmental Objectives and Targets

The section should include a review of all operations and processes, a commitment by the operator to continuous improvement, and identification of priority areas where improvement to the operations is necessary and practicable, such as:

- a. recycling of materials;
- b. minimisation of waste;
- c. efficient use of resources (especially water and energy);
- d. use of biodegradable chemicals;
- e. minimising use of solvents;
- f. procedures to minimise noise disturbance to neighbours;

Targets should be set for priority areas identified (e.g. minimising waste generation by \_\_\_% annually).

#### 3. Environmental Management Programme (EMP)

This should include a time schedule for achieving the Environmental Objectives and Targets prepared under point 2 above. The time schedule should cover a period of 5 years. The EMP should include:

- a. designation of responsibility for targets;
- b. the means by which they may be achieved;
- c. the time within which they may be achieved.

Targets and performance should be reviewed annually as part of the EMS.

#### 4. Documentation

A system of documentation should be established to ensure that records are kept of the priority areas chosen according to point 2. In addition, the operator should issue a copy of the environmental permit to all relevant personnel whose duties relate to any condition of the permit.

### 5. Corrective Action

The operator should establish procedures to ensure that corrective action is taken should the specified requirements of the environmental permit not be fulfilled. The responsibility and authority for initiating further investigation and corrective action in the event of a nonconformity with the environmental permit should be defined.

### 6. Awareness and Training

The operator should establish and maintain procedures for identifying training needs, and for providing appropriate training, for all personnel whose work can have an effect on the environment. Appropriate records of training should be maintained.

### 7. Maintenance Programme

The operator should establish and maintain a programme for maintenance of all plant and equipment based on the instructions issued by the manufacturer/supplier or installer of the equipment. Appropriate record keeping and diagnostic testing should support this maintenance programme.

The licensee should clearly allocate responsibility for the planning, management and execution of all aspects of this programme to appropriate personnel.

**END OF PERMIT**